



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Better Bolting, Inc.

3077 Broadway Avenue, SW
Grandville, MI 49418

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 18 March 2028
Certificate Number: AC-3082



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Better Bolting, Inc.

3077 Broadway Avenue, SW
Grandville, MI 49418

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CALIBRATION

ISO/IEC 17025 Accreditation Granted: **20 February 2026**

Certificate Number: **AC-3082**

Certificate Expiry Date: **18 March 2028**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pneumatic Torque Tools	(40 to 1 000) lbf·ft (150 to 3 000) lbf·ft (500 to 5 000) lbf·ft (400 to 6 000) lbf·ft (2,500 to 11 000) lbf·ft	1.2 % of reading + 2.6 lbf·ft 0.84 % of reading + 3.9 lbf·ft 0.96 % of reading + 6.2 lbf·ft 1 % of reading + 10 lbf·ft 2.3 % of reading – 23 lbf·ft	Comparison to Torque Transducers, Pressure Gages
Hydraulic Torque Tools	(50 to 20 000) lbf·ft	0.59 % of reading + 5 lbf·ft	Comparison to Torque Transducers, Pressure Transducers with Indicators
Manual Torque Wrenches	(2.5 to 25) lbf·in (4 to 50) lbf·in (30 to 400) lbf·in (80 to 1 000) lbf·in (20 to 250) lbf·ft (60 to 600) lbf·ft (100 to 1 000) lbf·ft	0.49 % of reading + 0.32 lbf·in 0.04 % of reading + 0.33 lbf·in 0.34 % of reading + 0.55 lbf·in 0.26 % of reading + 0.52 lbf·in 0.27 % of reading + 0.13 lbf·ft 0.31 % of reading + 0.15 lbf·ft 1.1 % of reading – 0.5 lbf·ft	Comparison to Torque Transducers
Battery Torque Tools	(40 to 1 000) lbf·ft (150 to 3 000) lbf·ft (500 to 5 000) lbf·ft (375 to 6 000) lbf·ft	0.83 % of reading + 6.7 lbf·ft 0.7 % of reading + 6 lbf·ft 0.67 % of reading + 6.7 lbf·ft 0.85 % of reading + 5 lbf·ft	Comparison to Torque Transducers
Electric Torque Tools	(150 to 3 000) lbf·ft	0.95 % of reading + 8.6 lbf·ft	Comparison to Torque Transducers

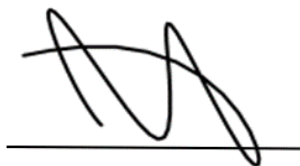
Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Electronic Torque Tools	(100 to 1 000) lbf·ft (150 to 3 000) lbf·ft (500 to 5 000) lbf·ft (375 to 6 000) lbf·ft (1 000 to 14 000) lbf·ft	0.78 % of reading + 2.2 lbf·ft 0.92 % of reading + 2.6 lbf·ft 0.76 % of reading + 4.2 lbf·ft 0.66 % of reading + 6.5 lbf·ft 0.57 % of reading + 8.3 lbf·ft	Comparison to Torque Transducers
Pneumatic Pressure Gages	(0 to 300) psig	1 psi	Comparison to Reference Pressure Gages
Hydraulic Pressure Gages	(0 to 10 000) psig (0 to 40 000) psig	12 psi 47 psi	Comparison to Reference Pressure Gages

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

1. Unless otherwise specified in the far-right column, the calibration procedure utilized by the client was developed and validated internally.



Jason Stine, Vice President